

Work Order ID 77601

Tuesday, December 13, 2011 2:47:32 PM

77601

Page 1

Item ID: D3297-1-0098

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: HOSE ASS'Y

Stop

NS2

Start Date: 12/13/2011 **Start Qty:** 4.00

4

Cust Item ID:

Required Date: 1/5/2012 **Req'd Qty:** 4.00

4

Customer:

Reference:

Approvals: Process Plan: *P*

Date: *12-13*

Tooling:

Date:

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N):

Date: _____

Stop

NR2

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--|----------------------------------|------------------------------|----------------|---------------|----------------------|-----------------------|-----------------------|--------------------------|------------------------|
|--|----------------------------------|------------------------------|----------------|---------------|----------------------|-----------------------|-----------------------|--------------------------|------------------------|

| Draw Nbr | Revision Nbr |
|-----------------|---------------------|
| D3297 | Rev D |

100 0.00

100

PURCHASING

Purchasing

Memo

0.00

Create D2729-1 label and include with W/O

Issue P/O: *15672*

Hose Assembly as per Dwg D3297

Possible Supplier: API

Material release note is required

PL 11-12-14

(4)

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Ensure Material Release Note is attached

PL 11-12-20 (4)

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | |
| | | | | | | | | |
| | | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
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NOTE: Date & initial all entries

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Cust Item ID:

Required Date: 1/5/2012 **Req'd Qty:** 4.00

4

Customer:

Reference:

Approvals: Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

**Sequence ID/
Work Center ID**

**Operation
Description**

**Set Up/
Run Hours**

Tool ID

Tool #

**Plan
Code**

**Accept
Qty**

**Reject
Qty**

**Reject
Number**

**Insp.
Stamp**

120

120

QC

QC6- Inspect dimensions to drawing

0.00

8 u17/70

(X4)

Quality Control

130

130

Small Fab

Small Fab

0.00

Memo

0.00

Install D2729-1 as per Dwg D3297
using D2182-045 Heat Shrink
Batch: B21864

11/12/21 (4)

140

140

Packaging

Identify as per dwg & Stock Location: 104

0.00

Memo

0.00

Packaging

11/12/21 SPY

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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NOTE: Date & initial all entries

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Tuesday, December 13, 2011 2:47:32 PM

Item ID: D3297-1-0098

Accept

N900040100

Setup

Start

NS1

Revision ID:

Item Name: HOSE ASS'Y

Stop

NS2

Start Date: 12/13/2011 **Start Qty:** 4.00

4

Cust Item ID:

Required Date: 1/5/2012 **Req'd Qty:** 4.00

4

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

**Sequence ID/
Work Center ID**

**Operation
Description**

**Set Up/
Run Hours**

Tool ID

Tool #

**Plan
Code**

**Accept
Qty**

**Reject
Qty**

**Reject
Number**

**Insp.
Stamp**

150

150

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

11/12/2011

MF
11-12-2011

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
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NOTE: Date & initial all entries

Picklist Print

Tuesday, December 13, 2011 2:47:36 PM

Page 1

Work Order ID: 77601

77601

Parent Item: D3297-1-0098

D3297-1-0098

Parent Item Name: HOSE ASS'Y

Start Date: 12/13/2011

Required Date: 1/5/2012

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B04.11.09Added Step 5KJ/JLM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|--|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| 156001-6D0096 HOSE ASS'Y | | Purchased | | No | | 110 | Each | 0.0000 | 1 | 4 | | 11/12/21 | |
| *156001-6D0096* | | | | | | | | 77601 | (4) ** | | | | |
| D2182-045 Heat Shrink 4.5" Long | | Manufactured | | No | | 130 | Each | 0.0000 | 1 | 4 | | 11/12/21 | |
| *D2182-045* | | | | | | | | 321864 | (4) ** | | | | |
| D2729-1 Dart Logo label | | Manufactured | | No | | 130 | Each | 0.0000 | 1 | 4 | | 11/12/21 | |
| *D2729-1* | | | | | | | | ∅ | ** | | | | |

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

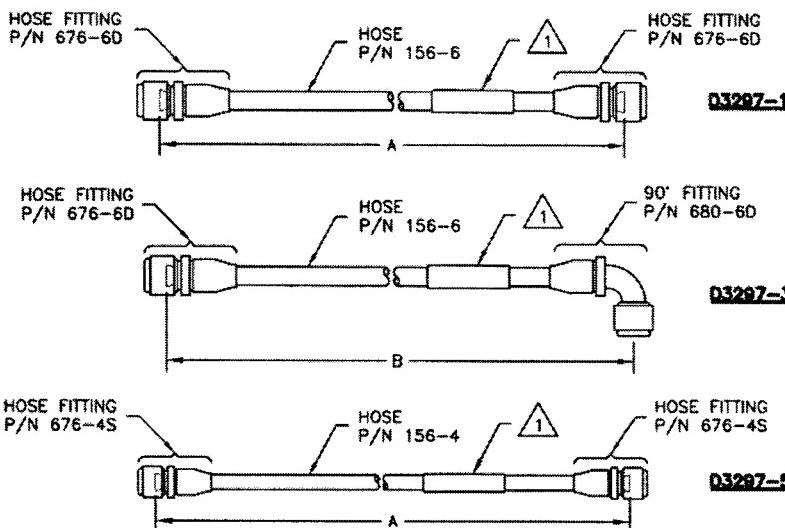
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NOTE: Date & initial all entries



| | | | |
|-------------------------------|--------------------------------|---|------------------------|
| DESIGN <i>[Signature]</i> | DRAWN BY <i>[Signature]</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED <i>[Signature]</i> | APPROVED <i>[Signature]</i> | DRAWING NO. D3297 | REV. D SHEET 1 OF 1 |
| DATE 05.01.21 | | TITLE HOSE ASSEMBLIES | SCALE NTS |
| A | 04.07.06 | NEW ISSUE | |
| B | 04.11.01 | STRATOFLEX P/N WAS AEROQUIP P/N | |
| C | 04.11.18 | T50 CORRECTED TO TSO | |
| D | 05.01.21 | CORRECT STRATOFLEX P/N | |

RELEASED
05.01.21



| HOSE SPECIFICATION | | | | |
|--------------------|----------------|--------|-------|-------|
| DART P/N | STRATOFLEX P/N | VENDOR | A | B |
| D3297-1-0098 | 156001-6D0096 | API | 9.75 | |
| D3297-1-0130 | 156001-6D0130 | API | 13.00 | |
| D3297-1-0121 | 156001-6D0121 | API | 12.13 | |
| D3297-3-0085 | 156005-6D0085 | API | | 8.50 |
| D3297-3-0210 | 156005-6D0210 | API | | 21.00 |
| D3297-3-0350 | 156005-6D0350 | API | | 35.00 |
| D3297-5-0410 | 156001-4S0410 | API | 41.00 | |

D3297-1-XXXX HOSE ASSEMBLY } WHERE XXXX REPRESENTS
 D3297-3-XXXX HOSE ASSEMBLY } HOSE LENGTH IN TENTHS OF INCH
 D3297-5-XXXX HOSE ASSEMBLY }

EG: 12.125" LONG: D3297-1-0121
 41.00" LONG: D3297-5-0410
 8.50" LONG: D3297-3-0085

NOTES:

- 1) IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) HOSE ASSEMBLIES TO MEET THE REQUIREMENTS OF TSO-C53a TYPE "A"

SHCN
RETURN TO
ENGINEERING
UNCONTROLLED
SUBJECT TO
WITHOUT WORK
WORK ORDER
NO. 77601
RTH/12-13

| W/O: | | WORK ORDER CHANGES | | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|--|
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NOTE: Date & initial all entries



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO15672**

Purchase Order Date 12/14/11

PO Print Date 12/19/11

Page Number 1 of 1

Order From : VC-AER002

AEROSPACE PRODUCTS INTERNATIONAL
P.O. BOX 223, STATION M
CALGARY, AB T2P 2H6
CA

| | | |
|--------------------|-----------------|---------------------|
| Contact Name | Buyer | Brigitte Golden |
| Vendor Phone | Requisition Nbr | |
| Vendor Fax | Tax Resale Nbr | 10127-2607 |
| Vendor Account Nbr | Terms | Net 30 |
| | Currency | CAD |
| | FOB | Destination-Collect |

Ship To : DART AEROSPACE LTD 1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REvised

| Line Nbr | Reference Revision ID | Description/ Mfg ID | Req Date/ Taxable | Req Qty/ Unit of Measure | Ship Method | Unit Price | Extended Price |
|--|--------------------------|------------------------|----------------------|-----------------------------|----------------|------------|-------------------|
| Vendor Part Number | | | | | | | |
| 1 | 156001-6D0096 | HOSE ASS'Y | 1/05/12 Yes | 4.00 Each | FedEx Overnigh | \$63.6400 | \$254.56 |
| <i> </i> | | | | | | | |
| 2 | 156005-6D0085 | HOSE ASS'Y | 1/05/12 Yes | 4.00 Each | FedEx Overnigh | \$105.0500 | \$420.20 |
| Special Inst: As per DG: D3297 Rev: D B77601 | | | | | | | |
| Special Inst: As per DWG: D3297 Rev: D B77599 | | | | | | | |
| PO Total: | | | | | | | \$674.76 |

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 2

Change Date: 12/19/11



API
2461 46th Ave.
LACHINE QC H8T 3C9
CANADA

Page 1 of 1
12/16/2011 14:50:31

Pack List



| |
|---|
| Shipping Address DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY ON K6A 1K7 CANADA |
| Forwarding Agent's Address |
| Shipping Instructions Detailed Shipping Instructions at the end of the document |
| Packing Instructions Detailed Packing Instructions at the end of the document |

| | |
|---------------------|----------------------|
| Information | |
| Document Number | 80966833 |
| Document Date | 12/16/2011 |
| Purchase Order No. | PO15672 |
| Purchase Order Date | 12/14/2011 |
| Sales Order Number | 859131 |
| Sales Order Date | 12/14/2011 |
| Customer Number | 6100481 |
| Shipping Conditions | Standard OtherGround |
| Incoterms | |
| Cust Ship Acct | |
| Delivery Date | 12/16/2011 |
| Bill of Lading | |
| Total Volume | 0.008 IN3 |
| Carrier | PUROLATOR COURIER |

| Item | Material | Material Description | Quantity | Weight | Batch Num |
|------|----------------------------|----------------------|----------|--------|-----------|
| 10 | 156001-6D-0096 | 156-6 HOSE ASSEMBLY | | | |
| | Batches | | | | |
| | 0002357499 (PO:4500170877) | | 4 EA | 0 LB | |
| 20 | 156005-6D-0085 | 156-6 HOSE ASSEMBLY | | | |
| | Batches | | | | |
| | 0002357500 (PO:4500170877) | | 4 EA | 0 LB | |

Shipping and Packing Instructions

CERTIFICATE OF CONFORMANCE
I hereby certify that the aircraft parts described hereon were acquired from a source of supply that is consistent with the conditions under which Transport Canada distributor approval number 77-98 has been granted.

Authorized Signature





Certificate of Conformance

Customer **API MONTREAL**
Sales Order# 4500170877 PO#

Date 12/15/2011

We hereby certify that all the above parts, including all materials, have been manufactured, tested, inspected and packed in conformance with all of the requirements of your order and the applicable government specifications & standards. Records of tests, inspection and certification indicating the above conformance are on file at Aerospace Products International and are available for your examination.

It is further certified that on any hose assemblies marked with a TSO, parts and/or materials reflected therein were produced under Federal Aviation Administration approved manufacturing quality control systems/methods as set forth in the FAA issued technical standard order authorized (TSOA) issued to Stratoflex and (b) such parts and/or material are new and are in condition for safe operation.

If applicable, satisfactory compliance with the conditions and test required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

For API ~~David~~